GRIPLINK Device Value Specification

2024-11

WEISS ROBOTICS

This document lists the valid data values of the supported IO-Link devices that can be queried using the "VALUE" protocol function.

Vendor	Model	VID	PID	VALUE[port][0]	Unit	Factor	VALUE[port][1]	Unit	Factor	VALUE[port][2]	Unit	Factor	VALUE[port][3]	Unit	Factor	VALUE[port][4]	Unit	Factor	VALUE[port][5]	Unit	Factor	VALUE[port][6]	Unit	Factor	VALUE[port][7]	Unit	Factor
BALLUFF	BMF 203K-H-PI-C-A8-xx-yy-zz	888	524545	Stability		1.0	Binary Data Channel 1		1.0	Binary Data Channel 2		1.0	Binary Data Channel 3		1.0	Binary Data Channel 4		1.0									
	BMF IOL IOL-302-XXX-K006	888	330496	States pin 4		1.0	States pin 2		1.0	States port 0		1.0	States port 1		1.0	States port 2		1.0	States port 3		1.0						
Baumer Electric AG	OM20/OM30-L0350.HV.YIN	350	605	Distance	mm	0.001	Signal Switch Control 1		1.0																		
Herbert Waldmann GmbH & Co. KG	LINURA.maxx Series	1.274	1.0																								
J. Schmalz GmbH	ECBPi	234	100310	Vacuum Level	mbar	1.0	Device temperature	°C	1.0																		
	ECBPMi	234	100320	Vacuum Level	mbar	1.0	Device temperature	°C	1.0																		
	SCPSi 10 G02	234	100243	Vacuum Level	mbar	1.0	Supply voltage	V	0.001																		
Micro-Epsilon Messtechnik GmbH & Co. KG	ILR2250-100-IO	1.062	8019001	Distance	mm	0.1	ErrorOut1		1.0	ErrorOut2		1.0	ErrorOut3		1.0												
Norgren Manufacturing Co., Ltd.	VR1X-IL	1.353	1.0	Preset Index		1.0																					
Omron	E3AS-F1000IMD	612	65572	Distance to object	mm	1.0	Control output 1		1.0	Control output 2		1.0	Incident light level	ticks	1.0												
	E3AS-F1000IMT	612	65573	Distance to object	mm	1.0																					
	E3AS-F1000IPD	612	65578	Distance to object	mm	1.0																					
	E3AS-F1000IPT	612	65579	Distance to object	mm	1.0																					
	E3AS-F1500IMD	612	65569	Distance to object	mm	1.0																					
	E3AS-F1500IMT	612	65570	Distance to object	mm	1.0																					
	E3AS-F1500IPD	612	65575	Distance to object	mm	1.0																					
	E3AS-F1500IPT	612	65576	Distance to object	mm	1.0																					
PATLITE Corporation	LB6-IL	763	524290	Operation Mode		1.0	Level		1.0																		
	LR6-IL	763	80001																								
	NE-IL Series	763	60001	Analog input		1.0	Digital input		1.0	Touch input		1.0															
Piab AB	PICOMPACT23 SMART	796	314	Vacuum Level	kPa	1.0	Device Temperature	°C	1.0																		
SICK AG	WTT12LC-B2543	26	8388758	Distance to object	mm	1.0	Device temperature	°C	1.0																		
	WTT4SLC-3B2262	26	8389149	Distance to object	mm	1.0	Device temperature	°C	1.0																		
Weiss Robotics GmbH & Co. KG	CLG-30-006	815	60	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	CRG-200-085	815	50	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	CRG-30-050	815	40	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	IEG PLUS 260-030	815	24	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	IEG PLUS 260-080	815	25	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	IEG PLUS 40-020	815	22	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	IEG PLUS 40-050	815	23	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	IEG Series	815	20	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	RPG Series	815	10	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	STERIGRIP 200-030	815	52	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	STERIGRIP 200-085	815	51	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	STERIGRIP 40-024	815	53	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
	WPG 100-090	815	6050	Device state		1.0	Finger position	mm	1000.0	Speed	mm/s	1000.0	Force	N	1000.0	Motor current	A	1000.0	Drive supply voltage	V	1000.0						
	WPG 300-120	815	6060	Device state		1.0	Finger position	mm	1000.0	Speed	mm/s	1000.0	Force	N	1000.0	Motor current	A	1000.0	Drive supply voltage	V	1000.0						
	ZPG 75-012	815	30	Opening width	mm	0.001	Part width	mm	0.001	Part count		1.0	Device temperature	deg C	0.1												
Wenglor	P1KH001	87	2689793	Output 1		1.0	Sensor signal		1.0																		
	P1KH002	87	2689794	Output 1		1.0	Sensor signal		1.0																		
	P1KH003	87	2689795	Output 1		1.0	Sensor signal		1.0																		
	P1KH004	87	2689796	Output 1		1.0	Sensor signal		1.0																		
	P1KH005	87	2689797	Output 1		1.0	Sensor signal		1.0																		
	P1KH006	87	2689798	Output 1		1.0	Sensor signal		1.0																		
	P1KH007	87	2689799	Output 1		1.0	Sensor signal		1.0																		
	P1KH008	87	2689800	Output 1		1.0	Sensor signal		1.0																		
	P1KH009	87	2689801	Output 1		1.0	Sensor signal		1.0																		
	P1KH010	87	2689802	Output 1		1.0	Sensor signal		1.0																		
	P1KH011	87	2689803	Output 1		1.0	Sensor signal		1.0																		
	P1KH012	87	2689804	Output 1		1.0	Sensor signal		1.0																		
	P1KH013	87	2689805	Output 1		1.0	Sensor signal		1.0																		
	P1KH014	87	2689806	Output 1		1.0	Sensor signal		1.0																		
	P1KH015	87	2689807	Output 1		1.0	Sensor signal		1.0																		
	P1KH016	87	2689808	Output 1		1.0	Sensor signal		1.0																		
	P1KH017	87	2689809	Output 1		1.0	Sensor signal		1.0																		
	P1KH018	87	2689810	Output 1		1.0	Sensor signal		1.0																		
	P1KH019	87	2689811	Output 1		1.0	Sensor signal		1.0																		
	P1KH020	87	2689812	Output 1		1.0	Sensor signal		1.0																		
	P1KH041	87	2689833	Output 1		1.0	Sensor signal		1.0																		
	P1KY005	87	3607301	Distance to object	mm	1.0	Switch output A1		1.0	Switch output A2		1.0															
	U1KT001	87	1443073	Distance to object	mm	1.0	Switch output A1		1.0	Switch output A2		1.0															
	U1KT002	87	1443329	Distance to object	mm	1.0	Switch output A1		1.0	Switch output A2		1.0															